This document contains source information for the question items in the Women's Employment Study, Wave 4.

WES 4 A. Current Employment and Work History

Q Item	Source	Modifications to the Original Measure
A1 – A10; A27-A31	Adapted from PSID	The questions in this sequence were adapted from PSID. WES modified the sequence to gather specific data for the respondent's main job (or most recent job), and some general information for all jobs collectively (e.g., A5, "Including overtime, how many hours per week do you usually work on all jobs?"). PSID gathers more detailed information about individual jobs over longer periods of time. At W4, we added a new item (A8a/A30a) on method for obtaining current/most recent job for which we gather detailed characteristics. Response categories correspond to the job search strategies in Section BA. At A6/A7 (A27/A28) we ask for occupation and industry. WES codes occupation and industry using three-digit 1990 census occupation/industry codes. In A9, WES asks, "Are you a member of a union or covered by a collective bargaining agreement?" PSID and NLSY do not include the terminology "collective bargaining agreement".
A11-A22; A32-A41	Adapted from NLSY	Simplified the series. NLSY gathers more detailed information. For example: At A14, NLSY version has seven different categories of hours worked (regular day shift, regular evening shift, regular night shift, shift rotates, split shift, irregular schedule or hours, other), while WES has two (regular or varies). At A15, WES asks if the respondent mostly works daytime, evening, or mixed hours, whereas NLSY asks what time of day the respondent begins work and then what time of day R ends work, using response grouped in three-hour intervals.
A23a-h; A42a-h	Adapted from Berg, Olsen, and Conrad (1991)	For more information, see: Berg, Olsen, and Conrad (1991). Causes and implication of rapid job loss among participants in a welfare-to work program. Paper presented at the Annual Research Conference of the Association for Public Policy and Management, Bethesda, MD.
A24a-g; A43a-g	Adapted from Los Angeles Survey of Racial Attitudes	For W4, we dropped W3a-f items and added one discrimination item on weight.
A25a-d; A44a-d	1995 Detroit Area Survey	
A26a-k; A45a-k	Adapted from Holzer (1996)	Questions derived from Holzer (1996) come from the book, *What Employers Want: Job Prospects for Less-Educated Workers*. New York: Russell Sage Foundation.

WES 4 A. Current Employment and Work History

Q Item	Source	Modifications to the Original Measure
A46-A49	Adapted from PSID	WES focuses on reasons for leaving most recent job but is not tied into the sequence of questions on most recent job. Respondents who are currently working also answer these questions if they have changed jobs since the previous wave.
A50-A54	WES Team (M. Corcoran)	At W4, we dropped 18 temporary employment items: A51, A52, A53-A54, A56, A57, A58b, A58c, A61. Information at A61 is gathered at A13.

For Additional Information on Other Survey Measures

1. For more information on the PSID (including downloadable survey instruments), see http://www.isr.umich.edu/src/psid/

2. National Longitudinal Survey of Youth information can be found at http://stats.bls.gov/nlsy97.htm The contact information for NLS User Services is:

   NLS User Services
   921 Chatham Lane, Suite 100
   Columbus, Ohio 43221-2418
   (614) 442-7366 or (614) 442-7315

   E-mail: Center for Human Resource Research (usersvc@postoffice.chrr.ohio-state.edu)

3. Detroit Area Study information can be found at http://www.lsa.umich.edu/soc/DAS. The 1995 DAS-Social Influences on Health: Stress, Racism, and Health Protective Resources was conducted by James S. Jackson, jamessj@umich.edu & David Williams wildavid@umich.edu Data from DAS studies prior to 1995 may be obtained from the Inter-university Consortium for Political and Social Research (ICPSR) at the Institute for Social Research, the University of Michigan.

WES 4 BA. Job Search

Q Item	Source	Modifications to the Original Measure
BA1-BA10	WES Team *(M. Corcoran; R. Johnson)*	In W4, we added several items to assess current job search efforts: a. Actual beginning and end dates of most current job search (BA2) b. Access to a car during most current job search (BA8) c. Availability of references during most current job search, and the source of those references (BA7, 7a)
BA11a-k	Adapted from NLSY	WES changed the original NLSY wording **from** "What are all of the things you have done to find work during the last 4 weeks?" **to** "On your most recent job search, which of the following methods did you use?" (note that in WES, we ask each method and record Y/N whereas in NLSY, respondents tell the interview all methods without probing each one individually). In WES, we **added** items 11e, 11f; 11h, 11j. We **deleted** NLSY items "contacted employer directly/interview"; "sent out resumes/filled out applications", "attended job training programs/courses"; "other (specify) – active"; "other (specify) – passive". In WES, we **changed** the wording for the following items: 11a. Changed **from** "contacted friends or relatives" **to** "talk to friends, neighbors, or relatives" 11b. Changed **from** "contacted public employment agency" **to** "check with state employment services such as Michigan Works, Career Alliance, or Talent Bank" 11d. Changed **from** "placed or answered ads, looked at ads" **to** "look for ads in the newspapers, magazines, or TV and radio" 11g. Changed **from** "contacted school/university employment center **to** "see a career counselor at a school or college" 11k: Changed **from** "checked union/professional registers" **to** use a labor union
BA12a-c	WES Team *(M. Corcoran)*	
BA13-BA14	Adapted from the CPS	In W4, we added a "discouraged worker" measure. Respondents who indicated that they have not looked for work in the last 30 days (or since W3 interview date), are asked the main reason why they are not looking for work. We used the original CPS item. According to the CPS, any response to categories one through five classifies the respondent as a "discouraged worker" if she looked for work in the last 12 months. For more details on the original measure, see http://www.bls.census.gov/cps/intmanc4.htm

WES 4 BA. Job Search

Q Item	Source	Modifications to the Original Measure
BA15	Adapted from NLSY	Changed the NLSY wording **from** "What would the wage or salary have to be for you to be willing to take a job?" **to** "What is the lowest hourly wage you would be willing to accept on any new job?". The language in the WES item more specifically targets respondent's perception of *lowest wage*.
BA17-BA18	Adapted from "Welfare, Children, and Families: A Three City Study," Johns Hopkins University	In W4, we added an item (BA17) to assess the lowest salary the respondent would take if health plan coverage was included on the new job. We modified the Three-City Study question wording/response options **from** "yes/no" format **to** the same format of other reservation wage item at BA15 for comparability.
BA19-19a.	WES Team *(M. Corcoran)*	This item was in Section BC (BC13, 13a) in W3.

For Additional Information on Other Survey Measures

1. Multi-City Study of Urban Inequality, 1992-1994: [Atlanta, Boston, Detroit, and Los Angeles]. ICPSR #2535. http://www.icpsr.umich.edu:8080/ABSTRACTS/02535.xml?format=ICPSR OR see http://www.russellsage.org/programs/proj_reviews/multicity.htm for additional background on the study.

2. For more information on the NLSY, see page 2 of this document for further details.

4. For more information on the Current Population Survey (including downloadable survey instruments), see http://www.bls.census.gov/cps/cpsmain.htm. Specific information regarding data, methods and coding can be found at http://www.bls.census.gov/cps/bmethdoc.htm.

3. For more information on the Three City Study (including downloadable survey instrument), see http://www.jhu.edu/~welfare/

WES 4 BB. Child Care

Q Item	Source	Modifications to the Original Measure
BB1-BB26	WES Team *(E. Oltmans)*	In W4, we modified the child care section in order to (1) capture all types of arrangements to care, including formal and informal arrangements, and (2) to assess general barriers to obtaining care, such as problems with perceived quality, flexibility, or accessibility. This represents a major expansion of questions asked in previous waves.

WES 4 BC. Welfare to Work

Q Item	Source	Modifications to the Original Measure
BC1-BC25	WES Team *(S.K. Danziger; K. Seefeldt)*	In W4, we modified the sequencing of the questions in W3, and added a few new items to the section to assess reasons for not or no longer receiving welfare or foodstamps.

WES 4 C. Income

Q Item	Source	Modifications to the Original Measure
C1-C4a	Adapted from PSID	Minor wording changes for all items.
C5a-h	GA Termination Project	**Added** categories: "food stamps, food stamps on the bridge card, or food stamp cash out", "child support…", "any money from other members of your household to help pay for living expenses", and "any other sources of income…" **Deleted** categories: "veteran's pension", "your own steady job or casual work activities", all categories regarding the respondent's spouse/partner. **Combined "**family" and "friends" categories into one category.
C6a-h	GA Termination Project	At W4, we added C6b: "Was any of your FIP payment vendored, that is, was any of the amount paid directly to cover rent or utilities?"
C11-C12c	Adapted from PSID	
C13a-b	Adapted from Smeeding (1998)	No change.
C14a-h	GA Termination Project 1993	Changed **from** "since last year" **to** "in the last six months"; Modified response categories to read OFTEN, SOMETIMES, NEVER; combined all individual categories regarding illegal activity into "Engaged in any illegal activity" **Deleted:** "gone a day without eating for other than medical or religious reasons", "searched in trash cans for things you could use", "collected bottles and cans outside the home", "asked for spare change", "had sex with someone to get money or drugs", and "begged for work" **Added:** "Baby-sat for pay", "Did housekeeping for other people", "Styled hair or did nails for pay", "Sold things such as crafts or cosmetics out of your house, or did odd jobs, like yard work or painting"
C15-C17; C19-C23	WES Team	
C18	Behavior Risk Factor Surveillance System (BRFSS)	Changed the time reference in the BRFSS item **from** "past 12 months" **to** "since Wave 3…" in WES
C24	Wisconsin Leaver Study (1998)	
C25	Adapted from PSID	At W4, we added C25 to measure amount of money spent on food per week. We combined several questions on food spending from the PSID into one item. We changed the original PSID item **from** "family" **to** "household" in order to be consistent with unit measurement in other items in Section C in WES.
C26	CPS; NHANES III	**Dropped** the category, "Enough but not always the kinds of foods we want" and **changed** the category "Enough of the kinds of food we want to eat" to "enough to eat"

WES 4 C. Income

Q Item	Source	Modifications to the Original Measure
C27-C28	WES Team	
C29-C38	Core Food Security Module (USDA)	None.

For Additional Information on Other Survey Measures

1. For information on the PSID, see http://www.isr.umich.edu/src/psid

2. To find more information about the GA Termination Project, see article: "When a Welfare Program is Terminated: A Study of What Happened to Michigan's General Assistance Recipients" by Sandra K. Danziger & Sherrie A. Kossoudji at http://www.isr.umich.edu/rcgd/prba/persp/sp95/welfare.html

3. For more information on the NLSY, see page 2 of this document for further details.

4. For more information on the CPS, see page 2 of this document for further details.

5. For more information on the USDA Core Food Security Module, see Http://www.fns.usda.gov/fsec/FILES/Guide%20to%20Measuring%20Household%20Food%20Security(3-23-00).pdf

WES 4 D. Parent and Child Behaviors

Q Item	Source	Modification of Original Measure
D1-D11	Cognitive Stimulation module of the HOME Scale, NLSY	In W4, we used the exact wording from NLSY HOME scale. We selected a few observational items from the HOME scale; they are located in Section X. In W3, we modified the wording of the HOME scale (which was located in Section NC).
D12a-h	Adaptive Social Science Behaviors Index, Infant Health and Development Survey (IHDP)	
D13a-dd	Behavior Problems Index, NLSY	In W4, we used the full original BPI. In W3, we used a modified version, with some items deleted (a-b; d-e; i; k-o; t-v), some wording changed, and different order.
D14-D18	NLSY	
D19-D25	WES Team	

For Additional Information on Other Survey Measures

For more information on the NLSY, see page 2 of this document for further details.

WES 4 E. Social Support

Q Item	Source	Modification of Original Measure
E1, E1a; E4a-g; E9-E10	O'Brien, Wortman, Kessler, & Joseph (1993)	E9 and E10 are new to Wave 4. Items from O'Brien et al. (1993) scale are kept in original form except for E10. We changed the wording in E10 to simplify the language and to keep the focus on people the respondent knows. We changed the original wording **from** "Now, a question about your interactions. During the past month, about how often were you involved in a social interaction or exchange that was unpleasant or distressing? Please include interactions with your spouse or partner, your friends and family, your co-workers, people in shops, etc." **to** **"**During the past month, about how often was time spent with people in your life unpleasant or distressing? Please include time spent with your spouse or partner, your friends and family, your co-workers, etc."
E2a-h	Difficult Life Circumstances Scale, developed by Booth et al (1989); adapted by New Chance Study	WES uses the New Chance Study 10-item version of the original measure by Booth et al (1989). The scale measures ongoing or habitual stress that is often a feature of living in disadvantaged circumstances.
E3a-g	Pearlin Mastery Scale	No change from the original, except for the question order.
E5-E6	WES Team	
E7-E8	8-Item Cynical Distrust Scale	No change from 8-item scale. This scale was factor analytically derived from the 50-item Cook-Medley Hostility Scale.

For Additional Information on Other Survey Measures

1. For more information on the New Chance Study, see: Quint, J. C., Bos, J. M., & Polit, D. F. (1997). New Chance: Final report on a comprehensive program for young mothers in poverty and their children. New York: MDRC.

2. For more information on the Pearlin Mastery Scale, see Pearlin, L., & Schooler, C. (1978). The structure of coping. *Journal of Health and Social Behavior, 19,* 2-21.

3. For more information on the 8-Item Cynical Distrust Scale, see following resources:

   Everson, S. A., Kauhanen, J., Kaplan, G.A., Goldberg, D. E., Julkunen, J., Tuomilehto, J., & Salonen, J. T. (1997). Hostility and increased risk of mortality and acute myocardial infarction: The mediating role of behavioral risk factors. *American Journal of Epidemiology, 146,* 142-152.

   Greenglass, E.R., & Julkunen, J. (1989). Construct validity and sex differences in Cook-Medley hostility. *Personality and Individual Differences, 10,* 209-218.

   University of Kuopio Ischemic Heart Disease Risk Factor Study, see http://www.uku.fi/departments/publichealth/proj.html - Kuopio Ischemic Heart Disease Risk Facto

WES 4 FA. Maternal Health

Q Item	Source	Modifications to the Original Measure
FA1	SF-36	Changed the original SF-36 wording **from** "In general, would you say your health is excellent, very good, good, fair, or poor?" **to** "How would you rate your overall physical health—excellent, very good, good, fair, or poor?"
FA2-FA4a	National Maternal and Infant Health Survey	Very minor wording changes to the original version of NMIHS items. At W4, we dropped FA2e; FA3e, FA3f; FA4b.
FA5-5m	SF-36	5a. Changed **from** "vigorous activities, such as running, lifting heavy objects, participating in strenuous sports—a lot, a little, or not at all?" **to** "vigorous activities, such as running or lifting heavy objects—a lot, a little, or not at all?" 5c. Changed **from** "moderate activities, such as moving a table, pushing a vacuum cleaner, bowling, or playing golf?" **to** "moderate activities, such as moving a table, pushing a vacuum cleaner, or bowling"? 5k. This item is not in the SF-36, but added to WES. 5j, 5k, & 5m – These items were not included in WES1, but included in later waves.
FA6	Behavioral Risk Factor Surveillance System (BRFSS)	Combined individual items in the BRFSS into one item in WES.
FA7-FA11a	NCS	**Added** to WES the phrase "go to school" to stem at FA7. At W4, we **added** FA8-8a, FA10-10a, and FA11-11a.
FA12a-13f	NHIS 1997	Changed the series in NHIS as follows: **Dropped:** individual items for Coronary Heart Disease, Angina, Heart Attack, Stroke, Emphysema, Asthma, Ulcer, Cancer, Hay Fever, Sinusitis, Chronic Bronchitis, Weak or Failing Kidneys, Liver Condition **Added:** general categories for "arthritis, rheumatism, or bone problems", "a back or neck problem", and "breathing problem"
FA14- 14a	GA Termination Project	Added to WES "State Disability Assistance"
FA15	BRFSS	No change.
FA16	Fagerstrom Test of Nicotine Dependence	
FA16a	Fagerstrom Test of Nicotine Dependence	In WES, dropped response categories of original question and replaced with __ # CIGARETTES OR ____# PACKS
FA16b	Fagerstrom Test of Nicotine Dependence	In WES, dropped response categories of original question and replaced with _____HOURS OR _____MINUTES

Q Item	Source	Modifications to the Original Measure
FA16c	Fagerstrom Test of Nicotine Dependence	Added to WES "such as in church, at the library, at the movies, or at work?" to the end of the original question
FA17-FA20	BRFSS	FA17-18, no change from the BRFSS original items. We dropped height from W4 since we included it in W3. FA19-FA20, minor wording change (replaced "How long …" in BRFSS to "In what month and year" to reduce measurement error associated with incomplete data).
FA21, 21a		In W3, FA21/FA21a was in a separate section on medication use (FB).
FA22-35	National Comorbidity Survey	Kept the original wording from NCS 2001 but shortened the series at FA35

For Additional Information on Other Survey Measures

1. For more information about the SF-36 (including downloadable survey instruments), see http://www.sf36.com/

2. For more information about the National Maternal and Infant Health Survey, see http://www.cdc.gov/nchs/products/catalogs/subject/mihs/mihs.htm.

3. For more information about the Behavioral Risk Factor Surveillance System (including downloadable survey instruments), see http://www.cdc.gov/nccdphp/brfss/

4. For more information about the NCS(including downloadable survey instruments), see http://www.hcp.med.harvard.edu/ncs/

WES 4 FC. Child Health

Q Item	Source	Modifications to the Original Measure
FC1-7	WES Team *(S.K. Danziger)*	The NLSY provides conceptual background for these items, but the construction of this section for WES is significantly different from NLSY.
FC8a-m	PSID-Child Supplement	PSID Child Supplement contains a longer list of health conditions (17 items). WES uses a subset of these items. WES additionally asks about all children collectively in this question, rather than each child individually. The first time these items were used in WES, we asked if a doctor or health professional EVER told the respondent that any of her children had these conditions. At W4, we modified the temporal framework to focus on time period in-between waves 3 and 4.
FC9-10	WES Team *(S.K. Danziger)*	
FC11-13	CPS	

For Additional Information on Other Survey Measures

1. For more information on the NLSY, see page 2 of this document for further details.

2. For more information on the PSID-Child Supplement, see http://www.isr.umich.edu/src/child-development/home.html

WES 4 FD. Health Insurance

Q Item	Source	Modifications to the Original Measure
FD1-3; FD5-10; FD12	WES Team	We reviewed health insurance items in a number of welfare studies such as Nebraska Barriers survey, Calworks; national economic surveys such as PSID, NLSY; health surveys such as NHIS and BRFSS, and health insurance studies such as the Center for Health System Change Household Survey. We created a short sequence to assess health care coverage for the respondent and for her children.
FD4, FD11	Health System Change Household Survey	Items included additional reasons for not having health insurance than what was included in HSCHS.

For Additional Information on Other Survey Measures

1. For more information about the Center for Health System Change surveys, see: http://www.hschange.org/. The Household Survey Public and Restricted Use Files, as well as the accompanying users' guides and codebooks, are available from the Inter-university Consortium for Political and Social Research (ICPSR): select study number 2524 for Round One, and select study number 3199 for Round Two.

WES 4 G. Mental Health

Q Item	Source	Modifications to the Original Measure
GA: Depression	CIDI-SF 12 Month DSM-IV Version – v1.0 Nov 1998	WES uses the full original version of the CIDI SF, 1.0.
GB: Social Phobia	CIDI-SF 12 Month DSM-IV Version – v1.0 Nov 1998	WES uses the full original version of the CIDI SF, 1.0.
GC: GAD	CIDI-SF 12 Month DSM-IV Version – v1.0 Nov 1998	WES uses the full original version of the CIDI SF, 1.0.
GG: Alcohol Dependence	CIDI-SF 12 Month DSM-IV Version – v1.0 Nov 1998	WES uses the full original version of the CIDI SF, 1.0. At W4, we added items at the end on arrests for alcohol-related reasons.
GH: Drug Dependence	CIDI-SF 12 Month DSM-IV Version – v1.0 Nov 1998	WES uses the full original version of the CIDI SF, 1.0. At W4, we added items at the end on arrests for drug-related reasons.

For Additional Information on Other Survey Measures

For more information on the CIDI (including downloadable survey instruments), see http://www.who.int/msa/cidi/index.htm

WES 4 J. Demographics

Q Item	Source	Modifications to the Original Measure
J0 – 6a.	WES Team	
J7a-o	Washington State Screener for Learning Disabilities	At W4, we added the Learning Disability Screener. We slightly modified the instrument to improve administration by giving almost all of the items the same question stem. We used "Do you have difficulty …" since many of the items already began with this stem.
J8-J9	WES Team	
J10-J13	Utah Department of Workforce Services (1998)	
J14-J22a	WES Team *(S. K. Danziger)*	

For Additional Information on Other Survey Measures

1. For more information about the NCS, see http://www.hcp.med.harvard.edu/ncs/

2. For more information on the development of the Washington State Learning Disabilities measure, please see http://www.seakingwdc.org/ld/LDRept-WA.pdf

WES 4 K. PTSD

Q Item	Source	Modifications to the Original Measure
K1, Events K2-K3	CIDI-Kessler, Modified by Rosen and Tolman	The list of events was modified for WES. Direct combat in a war was dropped; events 10-13 on traumatic events while growing up were added. K2 did not change from the original CIDI version; K3 was dropped for W4.
K4-K26b	CIDI-Kessler, Modified by Rosen and Tolman	The symptom series was simplified for WES. Only ask detailed follow up questions about the most upsetting event.
K27-31	CIDI-Kessler	No change.

For Additional Information on Other Survey Measures

For more information on the CIDI (including downloadable survey instruments), see http://www.who.int/msa/cidi/index.htm. Note that PTSD does not have a short-form version.

WES 4 M. Domestic Violence

Q Item	Source	Modifications to the Original Measure
M1a-q	Conflict Tactics Scale (CTS)	WES made some modifications to the list of items and wording of individual items. The timeframe used in WES is the period in-between data collections.
M1r-1u	WES Team *(Rosen and Tolman)*	
M2-M6a	WES Team *(Rosen and Tolman)*	
M7-M10a	Massachusetts Mothers Survey	Modified the timeframe of the items; slightly reworded items.

For Additional Information on Other Survey Measures

1. For more information on the Conflict Tactics Scale, see Strauss, M. A., (1979). Measuring intrafamily conflict and violence: The Conflict Tactics (CT) Scales. *Journal of Marriage & the Family; 41*, 75-88. For information on revised CTS-2, see Strauss, M. A., Hamby, S. L., Boney-McCoy, S., Sugarman, D. B., (1996). The revised Conflict Tactics Scales (CTS2): Development and preliminary psychometric data. Journal of Family Issues, 17, 283-316.

2. For more information on the Massachusetts Mothers Survey, contact the Center for Survey Research, University of Massachusetts, Boston.

WES 4 P. Housing

Q Item	Source	Modifications to the Original Measure
P1-P3; P4- P7	Adapted from PSID	Slight modifications in wording.
P8 – P11	American Housing Survey (AHS) *also in PSID, NLSY	At Wave 4, added an item about vouchers (P10), added a definition of public housing to the question wording, and changed question order so that item on public housing (which tends to over-reported in national surveys) is at the end of the series instead of the beginning.
P12-18	Adapted from PSID	Slight modifications in wording.
P19a-h	AHS *also in Three-City	Deleted "garbage pickup" and added "peeling paint"; No other changes.
P20 – P22	Three-City Study	At W4, added these items. For P20, slightly modified the question wording to match response option categories.

For Additional Information on Other Survey Measures

1. For more information on the PSID (including downloadable survey instruments), see http://www.isr.umich.edu/src/psid/
2. For more information on AHS (including downloadable survey instruments), see http://www.census.gov/hhes/www/ahs.html.

4. For more information on the Three City Study (including downloadable survey instruments), see http://www.jhu.edu/~welfare/